

FORM PTO-1449 (modified)
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| Atty. Dkt. No. | M# | Client Ref. |
| | 273286 | US 990172 |
| Applicant: KITAGAWA et al. | | |
| Appln. No.: 09/662,937 | | |
| Filing Date: September 15, 2000 | | |
| Examiner: Unknown | | Group Art Unit: 1775-17 |

Date: April 5, 2001

Page **1** of **1**

U.S. PATENT DOCUMENTS

| Examiner's Initials* | Document Number | Date MM/YYYY | Name (Family Name of First Inventor) | Class | Sub Class | Filing Date (if appropriate) |
|----------------------|-----------------|--------------|--------------------------------------|-------|-----------|------------------------------|
| MJ | AR 4,112,190 | 09/1978 | SATO et al. | — | — | |
| MJ | BR 4,369,225 | 01/1983 | MANABE et al. | — | — | |
| CR | | | | — | — | |
| DR | | | | — | — | |
| ER | | | | — | — | |
| FR | | | | — | — | |
| GR | | | | — | — | |
| HR | | | | — | — | |
| IR | | | | — | — | |
| JR | | | | — | — | |
| KR | | | | — | — | |
| LR | | | | — | — | |

FOREIGN PATENT DOCUMENTS

| | Document Number | Date MM/YYYY | Country | Inventor Name | English Abstract | | Translation Readily Available | |
|----|-----------------|--------------|---------|--------------------|------------------|----|-------------------------------|----|
| | | | | | Enclosed | No | Enclose | No |
| MJ | MR 1 573 008 | 12/1976 | LONDON | MCCORD CORPORATION | — | X | — | X |
| MJ | NR 0 635 582 A1 | 07/1994 | EUROPE | TAKADA | — | X | — | X |
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| PR | | | | | — | — | — | — |
| QR | | | | | — | — | — | — |
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| SR | | | | | — | — | — | — |
| TR | | | | | — | — | — | — |
| UR | | | | | — | — | — | — |
| VR | | | | | — | — | — | — |

OTHER (Including in this order: Author, Title, Periodical Name, Date, Pertinent Pages, etc.)

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Examiner *M. J. S.*

Date Considered: *7/17/02*

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.